

Stages of Development of the External Geospheres and
Formation of Sedimentary Rocks in / the History of the
Earth, by N.M.Strakhov.

RUSSIAN, per, Iz Akad Nauk SSSR, Seriya Geol, 1962,
vol.27, no.12, pp.3-22.

AGI

E. Sci
Aug 66

308,351

Losses of Radiogenic Argon in Potassium-Sodium
Feldspars on Heat Activation, by S.B.BRANDT
and E.N.Bartnitskii.

RUSSIAN, per, Iz Akad Nauk SSSR, Seriya Geol.
1962, vol.27, no.12, pp.23-31.

AGI

E.Sci
Aug 66

#308,631

Role of Water in Consolidating Marine Sediments, by
A.E.Khod'kov.

RUSSIAN, per, Iz Akad Nauk SSSR, Seriya Geol.,
1962, vol.27, no.12, p.85-94.

Agi

E.Sci

Aug 66

308,636

Classification and Nomenclature of Hydromicas and
their Role in the Earth's Crust, by A.A.Nyrkov
RUSSIAN, per, Iz Akad NaukSSSR Seriya Geol., 1962,
vol.27, no.12, pp.95-101.

AGI

E.Sci
Aug 66

308,343

S-165/63

Present State and Future Trend of the Development
of Geological Sciences in the USSR, by

D. I. Shcherbakov. (NY-7505)

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geologiya,
No 1, 1963, pp 9-18.

*JPRS

Sci - Geophys
14 Feb 63

S-553/63

Deep-Hole Drilling as a Method of Studying the
Earth's Crust, by N. A. Belyayevskiy, V. V.
Fedynskiy. DC-8668.

RUSSIAN, per, Izv Akad Nauk SSSR, Ser Geolog,
No 5, 1963, pp 3-8.

*JPRS

Sci - Ear Sci

Jun 63

DEEP DRILLING AS A METHOD OF STUDYING THE EARTH'S
CRUST, BY N. A. BELYAYEVSKIY, V. V. FEDYNSKIY,
8 PP.

RUSSIAN, PER, IZVESTIYA AKADEMII NAUK SSSR, SER
GEOLOGICH, NO 5, 1963, PP 3-8.

JPRS 19887

SCI - EAR SCI
JUL 63

235,075

The Problem of Primary and Secondary Magmatic
Foci as Exemplified by the Alkalic Basaltoid
Rocks of the North-western Spurs of the Talass
Alatau, by K. A. Abdrakhmanov.

RUSSIAN, per, Izvestiya Akad Nauk SSSR, Seriya
Geologicheskaya, 1963, No 7, pp 19-31.
NII RIB 2429 (On Loan or Purchase)

Aug 65

288,827

ATS

RJ-5751 STRIP MAPS IN TECTONIC DIFFERENTIATION ON THE
PLATFORM PROVINCES, V. A. Dolitskii and E. V. Ku-
cheruk, Izv. Akad. Nauk SSSR, Ser. Geol. 28, No.
9, 61-9 (1963).
4400 W; 1 F; 15 R

\$14.85 (\$3.40)

Physical Properties of Some Rocks of India and
Ceylon and their Absolute Age, by
G. D. Afanasyev. 36 pp.
RUSSIAN, per, Izv. Akad. Nauk SSSR, Ser. Geol.,
No 3, 1964, pp 22-42.
NASA TT-F-13416

July 71

The Main Features of the Tectonic Development of Africa in the Precambrian, by
S. E. Kolotukhina,
RUSSIAN, per Izvestiya Ak Nauk SSSR, Seriya
Geologicheskaya, Vol IV, No 4, 1964,
pp 20-37.
NLL RTS 2724 (On Loan or Purchase)

Sci-Ear Sci
Apr 67

521,617

On S. V. Moskaleva's Transformist Ideas of the
Genesis of Ultrabasites and Gabbroids, by P. P.
Smolin.

RUSSIAN, per, Izvestiya Akademii Nauk SSSR.
Seriya Geologicheskaya, No 9, 1964, pp 100-105.
NLL RTS 2855

Sci - Earth Sci
Sept. 67

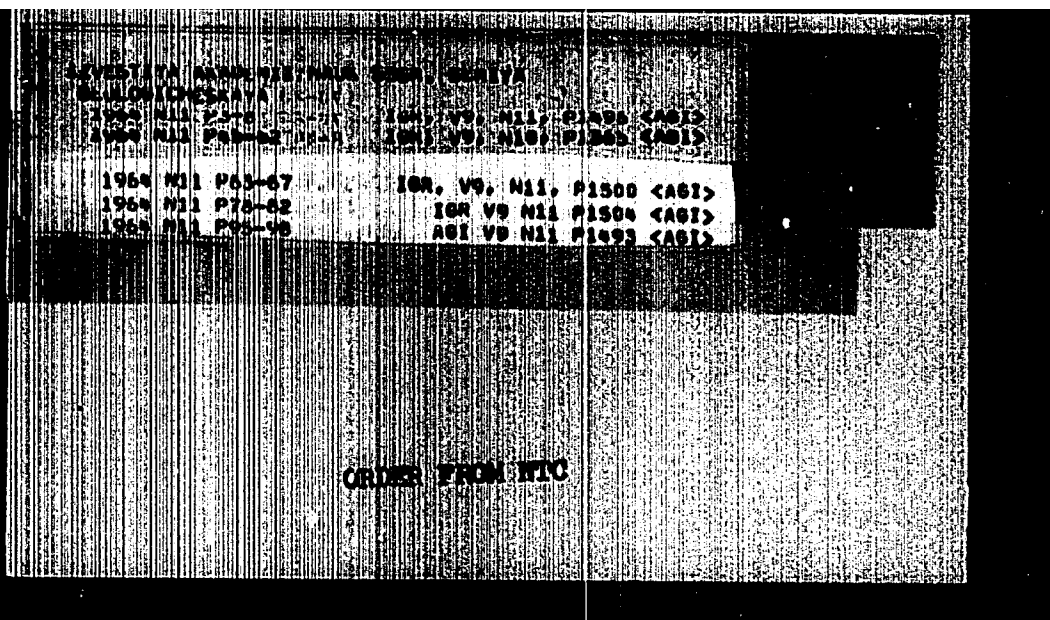
340,394

S-204/64

A New Era in the Geological Study of Mongolia,
by P. S. Matrosov, V. M. Sinitsyn, (DC-10295).
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geolog, No 1,
Moscow, 1964, pp 110-111.

*JPRS

Sci - Earth Sci & Astron
Feb 64



Relation of Boring Speed to the Borehole
Diameter, by N. T. Nured.
RUSSIAN, per, Akademiya Nauk Kazakhskoi
SSSR, Alma-Ata. Investiya. Seriya Gornogo
Dela, Metallurgii, Stroitel'stva i
Stroimaterialov, Vol 12, 1959, pp 78-89.
SLA 77-66-11018

331, 528

Sci - Mech
Jul 67

Twenty-Five Degree Isotherm of the Quaternary
System $\text{CaCl}_2\text{-MgCl}_2\text{-NaCl-H}_2\text{O}$ and the Perekop
Calcium Chloride Lakes, by N. S. Kurnakov,
A. V. Nikolaev, 15pp
RUSSIAN, per, Akademiya Nauk SSSR, Izvestiya,
Seriya Khim, 1938, pp 403-413
SIA TT-63-18112

Sci - Chem
June 67

328,373

Theory of Alkaline Fusion, by N. N. Vorozhtsov.
RUSSIAN, per, Iz Ak Nuak SSSR Seriya
Khimicheskaya, No 1, 1940, pp 107-125.
SLA TT 64-20157

Apr 67

323,042

Separation and Use of By-Products Resulting
From Phenol Production by Alkali Fusion of
Sodium Benzenesulfonate, by M. V. Troitskii.
RUSSIAN, per, Iz Ser Khimicheskaya Ak Nauk SSSR,
No 1, 1940, pp 127-133.
SLA TT 64-20158

Apr 67

323,040

Hydrodepolymerization of Rubber: New Data on
the Chemical Nature of Rubber, by M. D. Zelinskii,
I. B. Rapoport, 5pp
RUSSIAN, per, Ak Nauk SSSR. Izv Seriya Khim.
1940, No 5, pp 681-689
SLA TT-52-14120

Sci - Mat
July 67

330,351

Apparatus of Present Day High Pressure Laboratories,
by B. A. Korndorf, 7pp

RUSSIAN, per, Akademiya Nauk SSSR Izvestiya,
Seriya Khimicheskaya, 1940, No 6, pp 997-1015

SIA TT-62-14122

SIA TT-61-20796

Sci - Biol
June 67

328,865

Synthesis of Carbazole-Condensed Systems from α - and
 α' -Aminonicotine with α -Bromoacetoacetic Ester.
(Pt. 6. Reaction of α -Aminonicotine with Bromo-
acetoacetic Ester), by M.S. Kondakova and YA.L.
Gol'dfarb.
RUSSIAN, per, Iz. Ak.NaukSSSR Seriya Khim, 1946,
No. 5, pp. 523-528.
K-H-1439-a

Chem
Aug 66

7
305.625

The Destruction of the Ferrocene
Radicals by Hydrogenation and by the
Action of Halogens, by A. N. Mesnyanov,
E. G. Perevalova, R. V. Golovaya, T. V.
Elkhitse, N. A. Simakova, Sp.
RUSSIAN, per, Izvestiya Akademii
Nauk SSSR, Khimicheskaya, No 6,
1956, pp 739-741.
SLA TT-64-30950

333, 842

Sci
Aug 67

Concerning the Reactivity on Mono- and
Di-(p-toluenyl) Perrocene and of
Diacylperrocene, by A. N. Kostoguzov,
E. G. Perevalova, R. V. Golovaya, N.
AA Shukova, O. V. Stukovskii, TP.
RUSSIAN, per, Akademiya Nauk SSSR.
Investiya. Seriya Khimicheskaya,
No 5, 1957, pp 638-640.
SLA TT-64-30940

333, 843

Sci

New Method for Determining the Rate
of Constant for Elementary Reactions
of Atoms and Radicals, by L. I. Avramenko,
R. V. Kolesnikova, L. M. Postnikov.
RUSSIAN, per, Akademiya Nauk SSSR,
Izvestiya. Seriya Khimicheskaya, No 3,
1958, pp 227-34.
SLA TT-66-11057

Sci - Chem

331, 517

Investigation in the Area of Nitropyrroles.
I A New Method for Synthesizing the Pyrrole
Ring, by S. A. Novikov, W. M. Belikov.
RUSSIAN, per, Izvestiya Akad Nauk SSSR
Seriya Khimicheskaya, 1959, pp 1098-1101.
TC-1001

Sci-Chem
Aug 66

309,208

Investigation in the Area of Nitropyrroles
Communication 2. Synthesis of Some Nitro-
Pyrroles, by E. N. Safonova, V. M. Belikov.
RUSSIAN, per, Izvestiya Akad Nauk SSSR
Seriya Khimicheskaya, 1959, pp 1308-1311.
TC-1005

Sci-Chem
Aug 66

309,209

Kinetics and Mechanism of the Reaction
of Oxygen Atoms with Carbon Monoxide,
by L. I. Avramenko, R. V. Kolesnikova.
RUSSIAN, par, Akademiya Nauk SSSR.
Izvestiya. Seriya Khimicheskaya, No 9,
1979, pp 1562-70.
SLA TT-66-11056

331, 526

Sci - Chem
Jul 67

TT-65-13890

Field 7C

Kilmova, V. A.; Anisimova, G. F.
THE OXIDATION OF DIHENYLAMINE IN THE PRE-
SENCE OF SILVER PERMANGANATE AND ITS
THERMAL DECOMPOSITION PRODUCTS. 8p, 11 refs.
Order from SLA: \$1.10 as TT-65-13890

Trans. of Akademiya Nauk SSSR, Izvestiya, Seriya
Khimicheskaya, no p1885-9 1958.
See also 'Translated or Abstracted Publications,'
in TT Vol. 14, No. 8.

MR 667

On the Role of a Third Particle in the
Interaction of CO, by L. Avramenko,
R. V. Kolesnikova.

RUSSIAN, per, Academy of Sciences
Investia. Seriya Khimicheskaya, No. 3,
1960, pp 561-3.
SLA 77-66-11022

331, 510

Sci - Chem
Jul 67

Compensation Effect in Acoustic
From the Viewpoint of Statistical Methods.
by S. Regin'skiy, Yu. Khol't.

RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Khim.
No 7, 1961, pp 1198-1205

CSIRO/No 5800

Sci-Chem
May 66

234,421

TT-65-13887

Field 7C

Avramenko, L. I.; Kolesnikova, R. V.; Kuznetsova, N. L.
REACTION RATE CONSTANTS AND THE MECHANISM
OF REACTIONS OF OXYGEN WITH METHANE AND
ETHANE. 15p, 20 refs.
Order from SLA: \$1.60 as TT-65-13887

Trans. of Akademika Nauk SSSR, Izvestiya Seriya
Khimicheskaya, 14 6520-7 1963.
See also 'Translated or Abstracted Publications,'
in TT Vol. 14, No. 8.

MR 667

Catalytic Dehydrogenation of Isomeric
Isopentenes. Pt I Dehydrogenation of
2-Methyl-2-Butene, by A. P. Shcheglova,
O. K. Bogdanova, A. A. Balandin.
RUSSIAN, per, Akademiya Nauk SSSR.
Izvestiya, Seriya Khimicheskaya, No. 6,
1963, pp 999-1003.
SLA TR-66-10084
SLA TR-65-17446

331, 483

Sci - Chem
Jul 67

About Reactions of 8-Oxyquinoline Tributoxy Titanate
With a W-Dihydroxy-Polydimethyl-Siloxane, by
K. A. Andryanov, I. A. Lavygin, 5 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Khim, No 10,
1963, pp 1857-1859. 9695745
FTD-TT-64-440

Sci - Chem
Jan 65

271,459

Nitration of Hexafluorobutadiene With Nitrogen
Dioxide, by I.L. Knunyants, A.V. Fokin, et al.
5 pp.
RUSSIAN, per, Izvestiya Akademiyi Nauk SSSR.
Seriya Khimicheskaya, No 10, 1963, pp 1772-1775.
ATS-14R75R

Sci/Chemistry
Jul 66

305,988

Isopropanol Dehydration and Tetraline De-
hydrogenation Kinetics Upon Neodymium
Oxide, by A. A. Tolstopyatova,
A. A. Balandin.
RUSSIAN, per, Izv AN SSSR, Ser Khim, No 1,
1964, pp 3-8.
NTC 69-12502-07D

Sci-Chem
Aug 69

389,387

Statistical Theory of the Crystallisation Theory
of Metals, by A. Kolmogoroff,

RUSSIAN, per, ~~sk~~ Iz Ak Nauk SSSR, Ser Matematiches-
skaya, No 3, pp 355-359., 1937

C.S.I.R.O.
Chief Librarian

Sci

May 60

115,786

Concentration of Phosphorites, by N. S. Ul'yamov, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Math, 1938, pp
69-73.

SLA R-2981

Sci

Jul 59

92,636

Functions in Normed Algebraically Closed Fields,
by L. G. Shnirelman, 15 pp.

RUSSIAN, per. Iz Ak Nauk SSSR Seriya Matemat,
No 5-6, 1938, pp 487-498.

Nat Bu xkof Standards

T-2

APL/THU-TC-220-7397

OTS 17-62-01122

Sci-Phys

244,007

Doc 63

A Flat Wing With Sharp Edges in a Supersonic Stream
by A. E. Donov, 48 pp. *see mate*

RUSSIAN, per, I Izvestiya Ak Nauk SSSR, 1939,
pp 603-626.

NACA TM 1394

Sci - Engineering, Aeronautics

May 1956

34,106

On the Estimation of Certain Sums for a Function
Defined on a Mesh, by S. L. Sobolev.
RUSSIAN, per, AN SSSR, Izv., Ser. Matematicheskaya,
Vol 4, No 1, 1940, pp 5-16.
Dept of Navy APL/JHU TG 230-T553

Sai/Hth
Sep 68

363,240

Intertoli ro Vanie i Ekstratolir Ovanie Statsion
Avnykh Sluchainykh Losledovatel-Iloster, by
A. N. ~~XX~~ Kolmogorov.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Matemat,
1941, pp 3-13.

Feb 62

~~Possibly~~ RAND RM.3090
E

Calculation of the Parameters of a Normal Distribution
From a Limited Number of Observations, by A. N.
Kolmogorov

RUSSIAN, per, Iz Ak Nauk, Ser Mat, ~~1951~~ ^{Vol VI, #}, 1952, pp
3-32.

TRA3/TIB T.2262

Scientific - Mathematics CPS/DEX

5507

TT-64-11607

Keldysh, M. V.
ON B. G. GALERKIN'S METHOD FOR THE SOLUTION
OF BOUNDARY VALUE PROBLEMS (O Metode B. G.
Galerkina dlya Resheniya Kraevykh Zadach). Mar 64,
50p NASA Technical Trans. F-195.
Order from OTS \$1.50

TT-64-11607

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya
Matematicheskaya, 1964, v. 6, no. 4, p. 309-330.
Another trans. is available from OTS or SLA \$4.60 as
TT-63-70319 (1963) 47p.

ULL 43 10319 1964(195) (100000)

(Mechanics--Aerodynamics, TT, v. 11, no. 11)

- I. Keldysh, M. V.
- II. NASA-TT-F-195
- III. National Aeronautics and
Space Administration,
Washington, D. C.
- IV. Faraday Translations,
New York

NASA TT F-195
(1020600)

Office of Technical Services

On the Field of Combinatory Analysis, by
V. L. Goncarov.

RUSSIAN, per. X iz Ak Nauk SSSR, Seriya
Matemat, Vol VIII, 1944, pp 3-48.

Amer Math Soc

Sci-Math

Sep 63

344,278

A. I. Mal'tsev

On semi-simple subgroups of Lie groups, 43 pp
RUSSIAN per, Izvestiya Akademii Nauk SSSR, Seriya
matematicheskaya, 1944, Vol 8 pp 143-174

Sci Museum Lib No 52/1090

NY Math Soc, R 76 33

A. A. Markov

On the existence of periodic connected topological groups, 8 pp

RUSSIAN per, Izvestiya Akademii Nauk SSSR, Seriya matematicheskaya, 1944 Vol 8, pp 225-232

Sci Museum Lib No 52/1094

M. Y. Mark doc. TR-76-30

A. A. Markov

On free topological groups, 78 pp

RUSSIAN per, *Izvestiya Akademii Nauk SSSR, Seriya matematicheskaya*, 1945 Vol 9, pp 3-64

Sci Museum Lib No 52/1093

Handwritten: 17.4.1945 - 78 21532

A. I. Mal'tsev

Commutative subalgebras of semi-simple Lie algebras,
15 pp

RUSSIAN per, Izvestiya Akademii Nauk SSSR, Seriya
matematicheskaya, 1945, Vol 9, pp 291-300

Sci Museum Lib No 52/1088

M. Y. M. S. L. J. R. 76 40

I. Mal'tsev

Solvable Lie algebras, 36 pp

RUSSIAN per, Izvestiya Akademii Nauk SSSR, Seriya
matematicheskaya, 1945, Vol 9, pp 329-352

Sci Museum Lib No 52/1092

N.Y. Math Soc., 10 ms 67

The Geometry of a Vector Field, by Byunghens, S. S.

RUSSIAN, per, Iz Ak Nauk SSSR Seriya Matemat,
Vol X, No 1, 1946, pp 73-96.

ILL Ref: 5828.4 1963 (5 365)
(Loan)

Sci-Math
Oct 63

On the Theory of the Equation $y \frac{\partial^2}{\partial x^2} + \frac{\partial^2}{\partial y^2} = 0$
by F. I. Frankl, 41 pp. POST EDITED

RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Matematich,
Vol X, 1946, pp 135-166. 9694858

FTDA-MT-63-347
~~NO~~ GOV'T USE ONLY

Sci - Math & Data Proc
Sept 64

267,299

A. Rodov

Relations between the upper bounds of the derivatives of a function of a real variable, 32 pp
RUSSIAN per, Izvestiya Akademii Nauk SSSR, Seriya matematicheskaya, 1946 vol 10 no 3, pp 257-270

Sci Museum Lib No 52/1008

M. Y. Mikhlin Soc. R. No 14

Characteristic Radicals of Stochastic Matrices, by N. Dmitriyev, Ye. Dynkin.

RUSSIAN, per, Izv AN SSSR, Seriya Math,
No 10, 1946, pp 167-184.

ACSI-J-6111

FSTC-HT-23-372-68

Sci-Math
Apr 69

378,680

On a Class of Complete Orthonormal Systems, by
H. Ja. Vilenkin.

RUSSIAN, per, Izv. Ak. Nauk. SSSR Ser Mat II, 1947,
pp 363-400.

Amer Math Soc

Sci - Math & Data Proc
Oct 63

241,493

IZ AK NAUK SSSR, Ser Matemat Vol XII, No 4, 6 pp, Jul/Aug
48

"Development Trends of Soviet Mathematics"

M. A. Lavrent'yev

Done by RDB
Copy in files

ST-100

7/49T66

On the Representation of an Even ~~Even~~Number
as the Sum of a Prime and of an Almost-Prime,
by A. Ronyi.

RUSSIAN, per, Iz Ak Nauk SSSR Seriya Matemat.
Vol XII, 1948, pp 57-78.

Amer Math Soc

INSci-Math

Sep 63

344,263

M. I. Graev

Free topological groups, 61 pp
RUSSIAN per, Izvestiya Akademii Nauk SSSR, Seriya
matematicheskaya, 1948, Vol 12, pp 279-324

Sci Museum Lib No 52/1079

M. I. Graev loc 11 96 57

The Geometry of the Stationary Flow of an Ideal
Incompressible Fluid, by S. S. Ryugens.

RUSSIAN, per, Iz Ak Nauk SSSR Ser Matem, Vol XII,
No 5, 1948, pp 481-512.

MLA Ref: 5828.42: 1963 (5,253)
Loan

Sci - Phys
Jul 63

236,108

M. A. Lavrent'ev

A fundamental theorem of the theory of quasi-conformal mappings of two-dimensional regions,

57 pp

RUSSIAN per, Izvestiya Akademii Nauk SSSR, Seriya matematicheskaya, 1948 Vol 12, pp 513-554

Sci Museum Lib No 52/1082

Handwritten: 7/10/29

A. I. Mal'tsev

On a class of homogeneous spaces, 33 pp
RUSSIAN per, Investiya Akademii Nauk SSSR, Seriya
matematicheskaya, 1949, Vol 13, pp 9-32

Sci Museum Lib No 52/1089

NY Math Soc - No - 39

1949
IAN (Appel Mech and Mech) ~~Bill~~-1, 41-50

Stabilizing
Self-Oscillations in an Electrical
"Follow-up" System

(RAE Trans. (315))
min of Supply

L. S. Pontryagin

Some topological invariants of closed Riemannian manifolds, 54 pp

RUSSIAN per, Izvestiya Akademii Nauk SSSR, Seriya matematicheskaya, 1949, Vol 13, pp 125-162

Sci Museum Lib No 52/1100

My. Wood Lib. 75-77

L. S. Pontryagin

On a connection between homology and homotopy, 15 pp
RUSSIAN per, Izvestiya Akademii Nauk, SSSR Seriya
matematicheskaya, 1949 Vol 13, No 3 pp 193-200

Sci Museum Lib No 52/1005

N.Y. Math Soc. - 7/8/61

On the Topology of Real Algebraic Surfaces, by ^IS. G.
Petrovskii, O. A. Oleinik.

Full translation.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Matemat, Vol 13,
USSR, 1949, pp 389-442.

AEC Tr 1357

Sci - Math

Aug 52 CTS

DEX

On the Representation of Recursive Functions, by
Markov, A. A.

RUSSIAN, per, Izvestiya Akademii Nauk SSSR, Seriya
matematicheskaya, 1949, Vol 13, pp 417-424

Sci Museum Lib No 52/0360

On Partial Derivatives, by G. P. Tolstov.

Full translation.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Matemat, Vol 13,
USSR, 1969, pp 425-446.

ABC Tr 1361

Sci - Math

Aug 52 CTS

DEX

¹¹
Natural Domains of Veblen-Wedderburn Projective Planes,
by Skornjakov, L. A.

RUSSIAN, per, Izvestiya Akademii Nauk SSSR, Seriya
matematicheskaya, 1949, Vol 13, pp 447-472.

Sci Museum Lib No 52/0364

V. A. Tartakovski

Solution of the word problem for groups with a k -
reduced basis for $k \leq 6$. 20 pp
RUSSIAN per, Izvestiya Akademii Nauk SSSR, Seriya
Matematicheskaya, 1969 Vol 13, pp 483-494

Also NEC-1162
Sci Museum Lib No 52/1010

My Math Lib - P No 2

Classification of the Mappings of an $(n - 1)$ Dimensional Sphere Into a Polyhedron K_n whose Fundamental Group and Betti Groups of Dimensions $2, \dots, n-1$ are Trivial, by L. S. Pontryagin.

Full translation.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Ser Matemat, Vol XIV, 1950, pp 7-14.

ABC Tr 1456

Scientific - Mathematics, polyhedron Betti

Dec 52 CTS/DEX

See Math R 5-5025

On Asymptotic Properties of Polynomials which are
Orthogonal on the Unit Circle, and on Certain
Properties of Positive Harmonic Functions, by Ya.
L. Geronimus, 27 pp.

RUSSIAN, IZ Ak Nauk SSSR, Ser Mat, Vol XIV,
No 2, 1950, pp 123-144.

Sci Trans Center RT-433

Scientific - Mathematics
CTS/DEX

10,890

See Museum 54/0104

An Upper Bound of the Modulus of a Trigonometric
Sum, by I. M. Vinogradov, 22 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Ser Matemat,
Vol XIV, 1950, pp 199-211.

Sci Trans Center RT-342

See also Sci Museum Lib No 53/2630

USSR

Scientific - Mathematics

Feb 54 CTS

9301

Improvement of the Remainder Term of Some Asymptotic
Formulas, by I. M. Vinogradov, 18 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Ser Matemat,
Vol XIII, 1949, pp 57-110.

Sci Trans Center RT-343

See also Sci Museum Lib No 53/2632

USSR
Scientific - Mathematics

Feb 54 CTS

9302

Unbiased Estimates, by A. N. Kolmogorov, 26 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Mat, Vol XIV, No 4,
1950, pp 303-326.

Sci Trans Center RT-862

Scientific - Mathematics
CRS/DEX

14,083

Concerning Ordered Semigroups, by N. O. Alimov.

bino
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Matemat, Vol XIV,
1950, pp 569-576.

ABC Tr 1086

107, 656

Scientific - Mathematics

Dec 51 CTS

Approximation of Certain Transcendental Numbers,
I, The Approximation of Logarithms of Algebraic
Numbers, II, The Approximation of Certain Numbers
Associated with the Weierstrass Functions,
by N. I. Fel'dman,
RUSSIAN, per, Izv, Ak Nauk SSSR, Seriya Mat.,
Vol XV, 1951, pp 53-74; 153-176;.
Am Math Soc
Vol 59, Ser 2

Feb 67

318,269

General Theorems on the Upper Bound of the Modulus
of a Trigonometric Sum, by I. M. Vinogradov, 26 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Ser Matemat.
Vol XV, 1951, pp 109-130.

Sci Trans Center RT-341

See also Sci Museum Lib No 53/2631

7300

USSR

Scientific - Mathematics

Feb 54 CNS

The Stability Problem for a Theorem of Cramer, by
N. A. Sapozov, 22 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Matemat,
Ser Vol XV, No 3, 1951, pp 205-218.

Sci Tr Center RT-784

10,691

Scientific - Mathematics

TT-64-22134 (p. 1-14)

Zalgaller, V. A.
THE VARIATION OF CURVES ALONG A FIXED
DIRECTION (Variatsii Krivyykh Vdol' Fiksirovannykh
Napravlenii)

T. Bartha, tr. 1964, 14p

Order from AMS in American Mathematical Society
Translations, 1964, ser. 2, v. 35, p. 1-14Trans. of ~~Academiya Nauk SSSR~~ ~~Izvestiya~~ / ~~Seriya~~
~~Matematicheskaya~~ 1951, v. 15, p. 463-476.

I. Zalgaller, V. A.
II. American Mathematical
Society, Providence, R. I.

(Mathematics, TT, v. 12, no. 2)

Office of Technical Services

On Bases in the Space of Analytic Functions,
by A. I. Markusovic.

RUSSIAN, per, Matemat Sbornik, Vol XVII(59),
1945, pp 211-252.

Amer Math Soc

Sci-Math

Sep 63

(FDD 23868)

Determining a Differential Equation According
to Its Spectral Function, by I. M. Gel'fand,
B. M. Levitan, 74 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Ser Matemat,
Moscow, 1951, pp 309-360.

CIA/FDD/U-7037

26, 115

USSR

Sci - Mathematics, differential equations

CTS 62/Jun 55

Karpelevich, F. I.
CHARACTERISTIC ROOTS OF MATRICES WITH NON-
NEGATIVE ELEMENTS. [1963] 51p. 1 ref.
Order from OTS or SLA \$5.60

63-16563

Trans. of Akad[emiya] Nauk SSSR. Izvestiya.
Ser[iya] Matemat[icheskaya] 1951, v. 15, no. 4,
p. 361-383.

DESCRIPTORS: *Matrix algebra, *Complex numbers,
Convex sets, Number theory, Sequences, Geometry.

The range of distribution of the characteristic roots of
matrices of the n -th order with non-negative elements
and fixed maximum of the modulus of characteristic
roots is determined. (Author)

(Mathematics, TT, v. 10, no. 10)

63-16563

I. Karpelevich, F. I.

Office of Technical Services

The Variation of Curves Along a Fixed Direction
by V. A. Zalgaller, 14 pp.
RUSSIAN, per, Iz Ak Nauk SSSR, Ser Matemat,
Vol XV, 1951, pp 463-476.
Amer Math Soc

Sci - Math
May 64

258,307

Three Dimensional Analogue of the Cauchy-Type Integral
and Some of Its Applications, by A. V. Bitadze, 13 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Matematicheskaya,
Vol XVIII, No 6, 1953, pp 525-538.

Sci Tr Center
RT-1282

MDF-B-113

Scientific - Mathematics.

17,416

On the Stability of Motion with Eandom Disturbances,
by I. I. Vorovich, 26 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Math, Vol XX,
No 1, 1956, pp 17-32.

SIA R-2084

Sci

Aug 58

71,000

Second Obstructions for Cross-Sections, by
V. G. Boltyanskiy.

RUSSIAN, per, Iz Ak Nauk SSSR Seriya Matemat
Vol XX, 1956, pp 99-136.

Amer Math Soc

Sci-Math

Sep 63

344,223

Inequalities for the Determinant of a Matrix
With a Dominant Principal Diagonal, by
D. M. Kotljanskiy.

RUSSIAN, per, Iz Ak Nauk SSSR Seriya Matemat.
Vol XX, 1956, pp 137-144.

Amer Math Soc

Sci-Math

Sep 63

344,270